

Luis Mahmoud Degachi

JUNIOR DATA ANALYST | AWS CERTIFIED



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ABOUT ME

I am a dedicated and results-oriented professional with a solid foundation in data analysis, cloud computing, and web development. Skilled in Python, SQL, and cloud platforms such as AWS and Google Cloud, I bring strong technical expertise combined with analytical problem-solving capabilities. My multilingual communication skills further enhance my ability to work in diverse and collaborative environments. I am committed to continuous professional development and to contributing effectively to data-driven decision-making and technology-focused initiatives.

LANGUAGES

- Arabic: Native
- English: Advanced
- French: Advanced
- Portuguese: Intermediate

PROFESSIONAL EXPERIENCE

Junior Mechanical Designer - HVEK Tunisia 06/2023 - 09/2023

I worked on industrial piping projects, assisting in the creation and review of technical drawings. Tasks included **2D** and **3D modeling**, isometric drawings and preparation of technical documentation for project execution with **AutoCAD**. Collaborated with engineers to ensure design accuracy and compliance with industry standards.

Technical Assistant - General Radiator 11/2022 - 05/2023

Administrative tasks. Making sales and purchasing products. Organizing documents and setting deadlines.

TCC: Automation of a water desalination system 02/2022-06/2022

WATER RESEARCH AND TECHNOLOGY CENTER, BORJ CEDRIA - Tunisia

- Application of the Unified Modeling Language (**UML**) to plan system architecture and information flow.
- Development of an **IoT** system for monitoring pH and water volume in real time, integrating **sensors**, **Arduino**, **MQTT** (Mosquitto) and **SQL** database.
- Creation of an interactive dashboard in Node-RED and REST API for data visualization and integration.

COURSES & CERTIFICATIONS

- **AWS re/Start - CLOUD COMPUTING** ESCOLA DA NUVEM 03/2024- 06/2024
- **Python language fundamentals** DATA SCIENCE ACADEMY 12/2024 - 03/2025
- **Introduction to data science** CISCO 12/2024
- **Excel - Avanced** SENAC ACLIMAÇÃO 03/2025
- **Introduction to Statistics** Stanford University/Coursera 07/2025
- **AWS Certified Cloud Practitioner** 06/2025 - 06/2028
- **Google Cloud Data Analytics Certificate** 08/2025 - 08/2028

EDUCATION

Bachelor's Degree in Mechanical/Mechatronic Engineering

Higher Institute of Technological Studies Rades - Tunisia 2019-2022